

Title (en)  
CONDUCTIVE ORGANIC SENSORS, ARRAYS AND METHODS OF USE

Title (de)  
ORGANISCHE LEITENDE SENSOREN, SENSORMATRIX UND VERFAHREN ZU IHRER GEBRAUCH

Title (fr)  
CAPTEURS ORGANIQUES CONDUCTEURS, MOSAIQUE DE CAPTEURS ET PROCEDES D'EMPLOI

Publication  
**EP 1117991 A1 20010725 (EN)**

Application  
**EP 99951747 A 19991001**

Priority  
• US 9923017 W 19991001  
• US 10281798 P 19981002  
• US 14320299 P 19990709

Abstract (en)  
[origin: WO0020852A1] The present invention provides a class of sensors prepared from regions of conducting organic materials and conducting materials that show an increased sensitivity detection limit for amines. The present class of sensors have applications in the detection of spoiled food products and in testing for diseases, such as cholera and lung cancer, which have amines as biomarkers.

IPC 1-7  
**G01N 27/12**; G01N 27/26; G01N 33/00

IPC 8 full level  
**C12M 1/34** (2006.01); **C12Q 1/04** (2006.01); **G01N 5/02** (2006.01); **G01N 27/12** (2006.01); **G01N 33/00** (2006.01); **G01N 33/497** (2006.01); **G01N 33/02** (2006.01)

CPC (source: EP US)  
**G01N 27/126** (2013.01 - EP US); **G01N 33/0031** (2013.01 - EP); **G01N 33/497** (2013.01 - US); **G01N 33/497** (2013.01 - EP)

Designated contracting state (EPC)  
DE FR GB

DOCDB simple family (publication)  
**WO 0020852 A1 20000413**; **WO 0020852 A9 20000914**; EP 1117991 A1 20010725; EP 1117991 A4 20050427; JP 2002526769 A 20020820; US 8394330 B1 20130312

DOCDB simple family (application)  
**US 9923017 W 19991001**; EP 99951747 A 19991001; JP 2000574919 A 19991001; US 40964499 A 19991001